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54 **Interactive display system.**

57 In an interactive display system, a transmitter is provided for transmitting a periodic signal to a plurality of receivers through the air. One or more phase differences are measured between the receiving at pairs of receivers. These phase differences control the coordinates of a locator on a display screen. Separate measured phase differences control the positions along different coordinate axes independently.

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DOCUMENTS CONSIDERED TO BE RELEVANT			
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int. Cl.5)
A,D	US-A-4 885 433 (J.A.SCHIER) * column 2, line 35 - column 6, line 33; figures 1-10 * ---	1-3, 18	G06K11/18 G06F3/033
A	DE-A-3 838 605 (SCHAEFER, HARTMUT) * page 2, line 1 - page 3, line 25; figures 1-3 * ---	1, 7, 8, 16, 18, 19	
A	EP-A-0 288 374 (THOMSON-CSF) * page 2, line 1 - page 5, line 45 * ---	1	
A	US-A-4 862 152 (RONALD E. MILNER) * column 5, line 20 - column 9, line 41; figures 1-11 * -----	1	
			TECHNICAL FIELDS SEARCHED (Int. Cl.5)
			G06K G06F G01S
The present search report has been drawn up for all claims			
Place of search THE HAGUE		Date of completion of the search 14 APRIL 1993	Examiner ALONSO Y GOICOLEA L.
CATEGORY OF CITED DOCUMENTS X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document		T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons & : member of the same patent family, corresponding document	